

AMENDMENTS TO THE CLAIMS

{4} 1. (Currently Amended) A heat-cooking apparatus comprising:
a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;
a door ~~for opening and closing~~ with which the opening is opened and closed; and
heating medium generating means for generating a heating medium,
the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,
wherein
the heat-cooking apparatus further comprises:
blowing means that blows ~~cooling~~ air to so that the air passes the opening sideways when, ~~after the heating medium is supplied to the heating chamber by the heating medium generating means,~~
the door starts to be opened.

{2} 2. (Currently Amended) The heat-cooking apparatus of claim 1, wherein
the heating medium generating means is steam generating means that generates steam as the heating medium.

{3} 3. (Currently Amended) The heat-cooking apparatus of claim 1, wherein
the opening is provided in a front face of the heating chamber,
the door is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber so that the door opens vertically with respect to the opening, ~~and~~

~~the blowing means blows the cooling air to the opening so that the cooling air passes the opening sideways.~~

{4} 4. (Currently Amended) The heat-cooking apparatus of ~~claim 3~~ claim 1, wherein the blowing means blows the ~~cooling~~ air to the opening so that the ~~cooling~~ air passes an upper part of the opening sideways.

{5} 5. (Currently Amended) The heat-cooking apparatus of claim 4, wherein the blowing means blows the ~~cooling~~ air to the opening so that the ~~cooling~~ air passes a part of the opening above half a vertical dimension thereof sideways.

{6} 6. (Currently Amended) The heat-cooking apparatus of ~~claim 3~~ claim 1, wherein the blowing means has a cooling fan for cooling a power supply circuit board provided inside the apparatus, and the blowing means blows, ~~as the cooling air~~, air sucked in from outside the apparatus by the cooling fan ~~to~~ so that air passes the opening sideways.

{7} 7. (Currently Amended) The heat-cooking apparatus of claim 6, wherein the blowing means includes deflecting means that deflects the air sucked in by the cooling fan to blow the air ~~to~~ so that air passes the opening sideways.

{8} 8. (Currently Amended) The heat-cooking apparatus of claim 7, wherein

the door has a multiple-glazed portion having a plurality of transparent glass plates arranged to face one another at a predetermined gap from one another so that, when the door is closed, part of the multiple-glazed portion faces at least the opening, and the deflecting means directs the air sucked in by the cooling fan toward a side of the multiple-glazed portion when the door is closed.

~~{9}~~ 9. (Currently Amended) The heat-cooking apparatus of claim 8, wherein the door has a support base plate that has an area larger than an area of the multiple-glazed portion and so large as to cover an entire opening-side face of the heating chamber in the casing and that supports the multiple-glazed portion from a face thereof facing away from the opening when the door is closed, the support base plate includes an operation portion for setting operation conditions of the apparatus, and the deflecting means is built with a decoration box that is provided between the operation portion and the casing, at a side of the multiple-glazed portion when the door is closed.

~~{10}~~ 10. (Currently Amended) The heat-cooking apparatus of claim 8, wherein the door has a support base plate that has an area larger than an area of the multiple-glazed portion and so large as to cover an entire opening-side face of the heating chamber in the casing and that supports the multiple-glazed portion from a face thereof facing away from the opening when the door is closed,

the support base plate includes an operation portion for setting operation conditions of the apparatus, and

the deflecting means is built with a protruding portion that protrudes from the casing along surfaces of the multiple-glazed portion and of the support base plate when the door is closed.

{11} 11. (Currently Amended) The heat-cooking apparatus of claim 1, wherein the blowing means blows the ~~cooling~~ air ~~to~~ so that the air passes the opening sideways for a predetermined length of time after the door starts to be opened after completion of heat-cooking inside the heating chamber.

{12} 12. (Currently Amended) The heat-cooking apparatus of claim 1, wherein while the heating medium is being supplied to the heating chamber by the heating medium generating means, the blowing means blows the ~~cooling~~ air into an interior of the door in a closed state.

13. (New) The heat-cooking apparatus of claim 1, wherein the blowing means blows the air so that the air passes the opening sideways in front thereof.

14. (New) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door with which the opening is opened and closed; and

heating medium generating means for generating a heating medium,

the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

blowing means that blows air; and

a slit that is provided at a side of the opening and through which the air blown by the blowing means is blown out, and

when the door starts to be opened, an air curtain is formed in front of the opening by the air blown out through the slit.

15. (New) The heat-cooking apparatus of claim 14, wherein
the slit is provided in an upper portion of the side of the opening.
16. (New) The heat-cooking apparatus of claim 1, further comprising:
exhausting means that, with opening operation of the door, exhausts the heating medium inside the heating chamber to outside the heat-cooking apparatus.
17. (New) The heat-cooking apparatus of claim 14, further comprising:

exhausting means that, with opening operation of the door, exhausts the heating medium inside the heating chamber to outside the heat-cooking apparatus.

18. (New) A heat-cooking apparatus comprising:
- a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;
- a door with which the opening is opened and closed;
- heating medium generating means for generating a heating medium, and
- exhausting means that exhausts the heating medium inside the heating chamber, the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,
- wherein
- the heat-cooking apparatus further comprises:
- blowing means that blows air to the opening, and
- with opening operation of the door, the blowing means blows out the air to the opening so that the air passes substantially across the opening and the exhausting means exhausts the heating medium inside the heating chamber.

19. (New) The heat-cooking apparatus of claim 18, wherein
- the exhausting means is provided on a side wall of the heating chamber.

20. (New) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door with which the opening is opened and closed; and

heating medium generating means for generating a heating medium,

the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

blowing means that blows air; and

a slit that is provided at a side of the opening and through which the air blown by the blowing means is blown out, and

both before and after the door is opened, the air is blown out through said same slit to in front of the opening so that the air passes substantially across the opening.

21. (New) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door with which the opening is opened and closed; and

heating medium generating means for generating a heating medium,

the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

blowing means that blows air; and

a slit that is provided at a side of the opening and through which the air blown by the blowing means is blown out, and

before and after the door is opened, the air is blown out through said same slit so that, when the door is closed, the air is blown out into an interior of the door and, when the door is open, the air is blown out so that the air passes the opening sideways.

22. (New) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door with which the opening is opened and closed; and

heating medium generating means for generating a heating medium,

the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

blowing means that blows out air so that the air passes the opening sideways before and after the door is opened.

23. (New) The heat-cooking apparatus of claim 22, wherein

the blowing means blows out the air so that the air passes the opening sideways in front thereof before and after the door is opened.